

Electric Breakdown of Microgaps in a Gas, by
U. Prolov. 12 pp.

RUSSIAN, par, Elektrichestvo, No 2, 1961, pp 73-76.

NASA TT F-8361

OTS 63-16639

Sci

Apr 63

US GOV'T ONLY

229,232

NLL Ref: 5828.4 1963 (p 357)
(25.2)

A Graphical and Analytical Method of Calculating
the Performance of Electrical Apparatus, by
B. K. Bul'.

RUSSIAN, per, Elektrichestvo, No 3, 1961,
pp 28-35.

REL N 5148

Sci - Electron
May 63

229,808

Palastin, L. M.
BRUSHLESS SYNCHRONOUS GENERATORS (Sinh-
ronnye Generatory Bez Shchetchnogo Kontakta) tr. by
G. Kinner. Oct 61 [11p] 7 refs RAE Library Trans.
no. 974; AD-267 698.
Order from OTS, SLA, or ETC \$1.60 TT-63-24340

Trans. of Elektrichestvo (USSR) 1961, no. 3,
p. 51-56. (Abstract available)

DESCRIPTORS: *Generators, *Permanent magnet
generators, Rectifiers, Rotation, Electromagnetic
properties, Magnets, Electric discharges, *Aircraft
equipment.

The paper reviews the development of brushless
synchronous generators both in the U. S. S. R. and
elsewhere. In rotating-rectifier generators, the use
of compound exciters, with combined electromagnetic
(Engineering--Electrical), TT, v. 11, no. 2 (over)

TT-63-24340

I. Palastin, L. M.
II. RAE Trans-974
III. AD-267 698
IV. Royal Aircraft
Establishment
(Cl. Brit.)

Office of Technical Services

The Dielectric Properties and Stability
of Transformer Oils, by Ch. M. Dzhubarly.

RUSSIAN, per, Elektrichestvo, No 3, 1961,
pp 83-86.

NIL M.3469

Sci -- Electronics

193, 915

Apr 62

Calculation on Digital Computers of Transient
Processes on Synchronous Machines by Differential
Equations With Recurring Coefficients, by
K. B. M. Kagan.

RUSSIAN, per, Elektrichestvo, No 4, 1961, pp 43-48.

ILL RTS 2805
(loan)

238, 114

Sci -
Jul 63

AN ELECTROSTATIC GENERATOR, BY N. G. DROZDOV,
A. I. KUKARIN, B. S. SAVASHKEVICH, 8 PP.

RUSSIAN, PER, ELEKTRICHESTVO, NO 4, 1961,
PP 46-50. 9677447

FTD-TT-62-35

SCI-ENGR
10 JUL 62

202,282

Prizeventsev, V. A.
ALUMINUM WINDING CONDUCTORS WITH ENAMEL
AND FIBER INSULATION. Feb 62.
Order from MT £2 15s

MT Trans-195

Trans. of Elektrichestvo (USSR) 1961, no. 4, p. 68-73.

DESCRIPTORS: *Conductors, *Wiring diagrams,
*Aluminum, *Enamel coatings, Fibers, *Electric
insulation.

(Engineering--Electrical, TT, v. 8, no. 2)

62-17035

I. Prizeventsev, V. A.
II. MT Trans-195
III. Tollemache, M. de O.
(Gt. Brit.)

Office of Technical Services

Choice of Safety Factor and Computation in
Designing Electromagnetic Mechanisms of a
Required Dependability, by Ya. A. Rips, 14 pp.

RUSSIAN, per, Elektrichestvo, No 4, 1961,
pp 75-81. 9668564

FTD-TT-63-37

Sci-Electronics
May 63

230,887

Simulating a System With Many Generators on an Analog
Computer, by N. I. Sokolov, Yu. E. Gurevich, 5 pp.

RUSSIAN, per, Elektrichestvo, No 5, 1961, pp 1-3.

Interntl Physical Index
Power Express
Vol I, No 3

Sci - Electron

Jun 62

200,987

Kuchinskii, G. S. and Kaplan, D. A.
PERMISSIBLE FIELD POTENTIALS FOR PAPER-OIL
INSULATION OF APPARATUS OPERATING IN D. C.
TRANSMISSION LINES (Dopuskaemye Napryazhenosti
dlya Sumazhno-Maslyanoi Izolyatsii Apparatov,
Rabotayushchikh v Zlektroperedachakh Postoyannogo
Toka). [1963] [19]p. (foreign text included) 3 refs.
Order from OTS or SLA \$1.60 63-14929

Trans. of Elektrichestvo (USSR) 1961, no. 5, p. 64-68.

DESCRIPTORS: *Electric insulation, Direct current,
*Transmission lines, *Electric potential, Ionization,
Electric equipment, *Paper, *Oils, Transformers,

The permissible operating voltage in the case of d. c.
can be selected on the basis of the ionization charac-
teristics. Thereby, the intensity of the ionization
processes should not exceed the intensity of the initial
(Engineering-Electrical, TT, v. 10, no. 7) (over)

63-14929

I. Kuchinskii, G. S.
II. Kaplan, D. A.

Office of Technical Services

POWER RELAY USING SEMICONDUCTORS, BY V. A.
GRINSHTEIN.

RUSSIAN, PER, ELEKTRICHESTVO, NO 5, 1961, P 70.

NLL M. 6015

SCI - ELECTRICITY, ELECTRON

OCT 62

214,715

Wave Deformation Due to Earth and Conductor
Resistance in a Multi-Conductor Line,
by M. V. Kostenko.

RUSSIAN, per, Elektrichestvo, No 6, 1961, pp 5-10.

NLL Ref. 9022.09 1963 (2,578)
(Lom)

Sci - Electron
Nov 63

OTS 63-23756 (21.60)

242,305
CE Trans 2578

Raising the Static Stability of a System by Regulating the DC Transmission Line, by

V. G. Nocitskiy.

RUSSIAN, per, Elektrichestvo, No 6, 1961, pp 58-61.

CIA X-6754

Oct 68

368,271

Increasing the Steady State Stability of a System
by Regulating the Flow of Direct Current, by
V. G. Novitskiy.

RUSSIAN, per, Elektrichestvo, No 6, 1961,
pp 58-60.

ALL RRS 1995
(loan)

Sci -
Jul 63

238,115

The Effect of Excitation Systems on the Stability of
Parallel Operation of Large Turbo-Generators, by
V. M. Borov, I. A. Glebov.

RUSSIAN, per, Elektrichestvo, No 7, 1961,
pp 7-13.

NLL M 5035

Sci - Electron
Mar 63

226,534

LONG-DISTANCE POWER TRANSMISSION WITH SATURABLE
REACTOR-TRANSFORMERS AND FORCED CAPACITOR BANKS,
BY D. I. AZAREV.

RUSSIAN, PER, ELEKTRICHESTVO, NO 7, 1961, PP 24-30.

NLL M. 6327

SCI - ELECTRON

OCT 62

214,791

CALCULATION OF TRANSIENT STABILITY TAKING
GOVERNORS AND EXCITATION REGULATORS , BY K. I.
BOGATEV. 11 pp.

RUSSIAN, PER, ELEKTRICHESTVO, NO 7, 1961, PP 31-34.

NLL M. 6288

SCI - ENGR

OCT 62

*Transmitted to
J. H. M. by TTB*

214,712

Application of the Phase Plane Method to the Study
of the Mechanical Transient Processes of an
Electric Drive, by L. I. Gendzha.

RUSSIAN, per, Elektrichestvo, No 7, 1961,
pp 68-72.

NLL M. 3859

Sci - Phys

Nov 62

217,554

Turbo Generators With a Large Unit Power Capacity, by
V. V. Titov, 4 pp.

RUSSIAN, per, Elektrichestvo, No 3, 1961, pp 1-4.

Interntl Physical Index
Power Express
Vol I, No 3

Sci - Engr.

Jun 62

100, 984

200, 984

Tuned Power Transmission Lines, by
V. K. Shcherbakov, 16 pp.
RUSSIAN, per, Elektrichestvo, No 8, 1961,
pp 25-30.
CIA/FDD XX-1747
NO FOREIGN DISSEM

Sci
Aug 65
USIB Internal Use Only

287,614

Optimum Geometrical Ratios in Induction Pumps for
Liquid Metals, by N. M. Okhremenko, 19 pp.

RUSSIAN, per, Elektrichestvo, No 9, 1961,
pp 10-16. 9681607

FTD-TT-62-1724

Sci-Engr
May 63

229,490

Geometrie optimale des pompes a induction pour
metaux liquides, by N. M. Okhremnko, 25 pp.

RUSSIAN to FRENCH, per, Elektrichestvo, S.S.S.R.,
No 9, 1961, pp 10-16.

Reverse Translation
CEA-R-1510

Sci
Jun 64

SOME Problems of Making a Power Directional Relay
Based on the Hall Effect, by V. G. Doroguntsev,
E. I. Ovcharenko.

RUSSIAN, per, Elektrichestvo, No 9, 1961, pp 57-63.

MLL M. 3580

Sci - Electron

Jul 62

207, 767

(SP-1877)

Basic Trends in Attaining Complete Electrification,
by N. N. Krachkovskiy, 6 pp.

RUSSIAN, per, Elektrichestvo, No 9, 1961, pp 91-92.

JPRS 11708

USSR

181,576

Econ

Jan 62

(8F-1877)

Creation of Material and Technical Base
of Communism Verses Soviet Power
Engineering, by M. A. Sarkisov, 9 pp.

RUSSIAN, ~~for~~ ¹ Electrichestvo, Nov 1961,
pp 1-6.

JPRS 13533

191.669

USSR
Econ
Apr 62

Problem of Dependability of Electric Motors, by
N. A. Tishchenko, 22 pp.

RUSSIAN, per, Elektrichestvo, No 11, 1961,
pp 7-14. 9668563

FTD-TT-63-35

Sci-Electricity
May 63

230,875

Special Considerations in Selecting the Armature
Windings of Certain D.C. Machines, by X I. Z.
Agcev.

RUSSIAN, per, Elektrichestvo, No 11, 1961, pp 48-55.

MLL M 5037

Sci - Engr
Mar 63

226, 539

On the Class of Accuracy of Domestic Single Phase
Electric Meters, by B. N. Dolnitskiy, O. L. Rudnev.

RUSSIAN, per, Elektrichestvo, No 11, 1961,
pp 70-73.

MLL N 8977

Sci + Elec
May 63

229,137

Calculation of Electrical Characteristics of a Multi-
Layer Dielectric Made From Impregnated Capacitor
Paper, by D. S. Varrhavakiy, 18 pp.

RUSSIAN, per, Elektrichestvo, No 11, 1961, pp 78-83.
9093504

NEE M. 6318
U. K. Atomic Energy Authority
Aldermaston, AERE Tr-36

Sci - Electricity
Jul 62

204, 686

Problem of Reliability of Electric Motors,
by N. A. Tishchenko, 11 pp.

RUSSIAN, per, Elektrichestvo, No 12,
1961, pp 16-19. 9668552

FTD-TT-63-36

Sci-Engr
May 63

230,619

The Study of Transient Processes in Current
Transformers by Means of Analogue Computers,
by Ya. S. Gelfand, *2 pp.*

RUSSIAN, per, Elektrichestvo, No 12, 1961,
pp 40-44.

NLI Ref. 9022.09 1963 (2,601)
(Loan)

Sci - Electron
Nov 63

OTS 63-23951 (1.10)

242,354

Referred to Department by TIB
17 Dec 1961

The Calculation of Buried Earth Electrodes
for Transmission Line Supports, by
A. B. Osion, *8 pp.*

RUSSIAN, per, Elektrichestvo, No 12, 1961,
pp 59-63.

NLL Ref. 9022.09 1963 (2,590)
(Loss)

Sci - Electron
Nov 63

OTS 63-23959 (A1.10)
242,303

Development of Electric Power in the Light of the
Decisions of the 22nd Congress of the CPSU, by
I. A. Syromyatnikov, 13 pp.

RUSSIAN, per, Elektrichestvo, No 1, 1962, pp 1-6.

JPRS 15820

USSR
Econ
Oct 62

216,996

Markovich, I. M. and Teitelbaum, V. N.
ECONOMIC DESPATCHING OF REAL POWER IN A
HYDRO-THERMAL POWER SYSTEM. [1963] [Sp] 1 ref
C. E. Trans. 2638.

Order from OTS, SLA, or ETC \$1.10 TT-63-23960

Trans. of Elektrichestvo (USSR) 1962, no. 1,
p. 10-11. (Abstract available)

DESCRIPTORS: *Hydroelectric power systems,
Power, Networks, *Distribution (Economics), *Calculus
of variations, *Thermoelectricity.

Methods of variational calculus that are used to solve
the problem of economic despatching of electric power,
taking network losses into account, are presented.

(Engineering Electrical, TT, v. 11, no. 1)

TT-63-23960

- I. Markovich, I. M.
- II. Teitelbaum, V. N.
- III. CE Trans-2638
- IV. Central Electricity
Generating Board
Gt. Brit.)

ILL (LCAN) RS.
9022.09 1963 (2,638)

Office of Technical Services

Smirnov, K. A.
DETERMINATION OF THE MOST ECONOMICAL
NUMBER OF CONNECTED GENERATOR SETS IN
THERMAL POWER STATIONS. [1963] [9p] 1 ref
C. E. Trans. 2639.
Order from OTS, SLA, or ETC \$1.10 TT-63-23961

Trans. of Elektrichesvo (USSR) 1962, no. 1,
p. 12-15.

DESCRIPTORS: *Generators, Electrical power produc-
tion, Economics, Power, Consumption, Boilers, Steam
power plants, Mathematical analysis.

(Engineering--Electrical, TT, v. 11, no. 2)

TT-63-23961

I. Smirnov, K. A.
II. CE Trans-2639
III. Central Electricity
Generating Board
(Ot. Brit.)

NLL(LAN)LoF:

9022.09 1963(2,639)

Office of Technical Services

Analyzing the Reliability of Control Systems by the
Method of Mathematical Modeling, by I. R. Freydzon.
RUSSIAN, per, Elektricheskoye, No 1, 1962, pp 36-39.
NASA TT F-8714

Sci - Math & Data Proc
may 64
U.S. GOVERNMENT ONLY

258,607

Semiconducting Cadmium Sulfide Detectors of Gamma-
radiation, by N. G. Drozdov, N. I. Gorelov, 9 pp.

RUSSIAN, per, Elektrichestvo, No 1, 1962, pp 49-51.
9678401

SLA 62-11177
Navy Tr 3243/NRL 909

Sci - Phys

Nov 62

217,509

Calculation of Transients in Complex Circuits With
Several Non-Linear Elements, by A. F. Berezovskiy.

RUSSIAN, per, Elektrichestvo, No 1, 1962,
pp 73-75.

MLL M 5046

Sci - ~~Franken~~ Electron
Mar 63

226,540

Controllable D. C. Machines With Permanent Magnets
and Unsymmetrical Poles, by L. M. Palastin,
A. M. Lapshinov.

RUSSTAN, per, Elektrichestvo, No 2, 1962, pp 48-51.

NIL M 5042

Sci - Electron

Apr 63

326,979

Technical Fundamentals for Working Out a New
Standard for Electrical Brushes, by O. G. Vegner.

RUSSIAN, per, Elektrichestvo, No 2, 1962, pp 77-83.

NLL M 3915

Sci - Electronics

Mar 63

226,604

Calculation of Economic MW and MVAR Distribution in
a Power System With Given Limitations,
RUSSIAN, per, Elektrichesvo, No 3, 1964, 1964,
NZDIA

Sci - ENGR
Apr 64

254,599

Digital Computer Method for Optimization
Problems in Integrated Power Systems, by
V. S. Shakanov.

RUSSIAN, per, Elektrichestvo, No 3, 1962,
pp 9-14.

GB/125/1B 2067

Sci-Engr

Aug 63

341,973

Computer for Determining the Load Distribution in Power
Systems Containing Hydro-Electric Stations, by S. V. Usov.
RUSSIAN, per, Elektricheskoe, No 3, 1962, pp 24-28.

NZIMA

Sci - Engr

Feb 64

250,503

RUSSIAN

Comp. Special
*7 pp.*OBO: 0517/73 W
27 Sep 72 SF

Potential coefficients in a system of discs lying in one plane, by Ya. Ya. Iossel'.

Moscow, Elektrichestvo, No 3, 1962, pp 67-69.

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Translator's draft plus one copy - including reproduction. Do not clip this copy.

Investigation of the Flashover Characteristics
of Dirty Insulators, by E. V. Korbut.

RUSSIAN, per, Elektrichestvo, No 5, 1962,
pp 76-81.

NZDIA

Sci-Engr
Oct 63

(NY-6502)

THE GENERAL ALGORITHMS OF A COMPUTING AND
CONTROLLING ELECTRONIC DIGITAL MACHINE FOR
THE OPTIMUM ECONOMIC PLANNING OF THE
OPERATING MODES OF COMPLEX POWER SYSTEMS,
BY V. S. SHAKHANOV, 44 PP.

RUSSIAN, PER, ELEKTRICHESTVO, NO 4, 1962,
PP 7-19.

JPRS 14,461

SCI - ELECTRON

JUL 62

202,902

(NY-6502)

ON THE EMPLOYMENT OF A COMPUTING MACHINE FOR THE
CLCULATION OF THE OPTIMUM DISTRIBUTION OF LOADS AMONG
AMONG THE DIFFERENT-TYPE UNITS OF A HEAT-POWER
ELECTRIC STATION, BY R. S. MANUKHYAN,
S. V. PAVERMAN, 12 PP.

RUSSIAN, PER, ELEKTRICHESTVO, NO 4, 1962,
PP 33-36.

JPRS 14,464

SCI - ELECTRON
JUL 62

202,900

Automatic Meters With Analogue and Digital
Outputs, by R. R. Kharchenko, V. Yu.
Konechallovskiy, 9 pp.

RUSSIAN, per, Elektrichestvo, No 4, 1962,
pp 36-40.

OTS 63-24084
ML Ref: 5828.4 1963 (5867)
(Loan)

Sci - Electron
Jul 63

238,147

Calculation of the Performance and Steady-
State Characteristics of a D.P. Transmission
Line Interconnecting Two Power Systems, by
S. R. Glinernik, V. V. Kichaev.

RUSSIAN, per, Elektrichestvo, ~~XXI~~ No 5, 1962.

NZDIA

Sci-Engr
Oct 63

On the Selection of a Rational Structure of Generating Capacities in Electric Power Systems, by L. O. Sarkis Saitchyan and Ya. I. Khainson, 19 pp.

Elektricheskoe
RUSSIAN, per, ~~Elektricheskoe~~, No 5, 1962, pp 20-27.

JPRS 15529

USER
Econ
Oct 62

A Semi-Conductor Resistance Relay With Elliptical
Operating Characteristics, by A. I. Levinsh,
E. D. Sapir.

RUSSIAN, per, Elektrichestvo, No 5, 1962, pp 64-70.

REL Ref: 5828.4 1963 (5864)
(Loan)

Sci - Electron
Jul 63

236,351

Some Questions of D.C. Machine Construction, by
O. G. Vagner.

RUSSIAN, per, Elektrichestvo, No 5, 1962,
pp 78-83.

REL X 5149

Sci - Electron
May 63

229,853

The Influence of a Variable Electrical Field
on the Weight of Ice on an Overhead Conductor,
by E. P. Nikiforov.

RUSSIAN, per, Elektrichestvo, No 6, 1962,
pp 52-57.

NLL Ref: 9022.09 1963 (3109) (Loan)

Sci
Feb 64

Individual Drives for the Stands of Reduction
and Calibrating Tube Rolling Mills, by
V. A. Trobotenko.

RUSSIAN, per, Elektrichestvo, No 6, 1962, pp 73-75.

REL N 5096

Sci - Electron
May 63

229,800

A NEW STANDARD FOR RATED VOLTAGES, BY G. S. PLIS,
13 PP.

RUSSIAN, PER, ELEKTRICHESTVO, NO 6, 1962, PP 76-82.

JPRS 15608

USSR
ECON
OCT 62

213,462

Efficiency Criteria for Stopping and Starting
Generator Units in a Power System, by
I. M. Markovich.

RUSSIAN, per, Elektrichestvo, No 7, 1962,
pp 21-23.

NLL Ref: 9022.09 1963 (2867) (Loan)

Sci
Feb 64

On the Expansion of a Circle of Problems,
Solved with the Aid of Small Scale
Digital Machines, by V. I. Gorushkin,
A. A. Krumin, et al, 6 pp.
RUSSIAN, per, Elektrichestvo, No 7, 1962,
pp 28-29. 9698501
FTD-TT-65-1228

Sci-Elect
Nov 65

291,452

**Characteristics of Asynchronised Synchronous
Machines, by Yu. G. Shakaryan.**

**RUSSIAN, per, Elektrichestvo, No 7, 1962,
pp 59-66.**

REL M 5094

**Sci - Electron
May 63**

229,140

TESTING THE STABILITY OF THE BOLZHSKAYA GES
IMENI V. I. LENIN -- URALS ELECTRIC TRANSMISSION
LINE, BY A. V. BOGOSLOVSKIY, S. A. SOVALOV,
21 PP.

RUSSIAN, PER, ELEKTRICHESTVO, NO 8, 1962, PP 1-9.

JPRS L6265

SCI - ELECTRONICS

NOV 62

219,773

Cheaper and Faster Construction of Power-Supply
Networks, by I. T. Dashchenko.

RUSSIAN, per, Elektrichestvo, No 8, 1962, pp 8
pp 18-20.

NLL Ref. 9022.00 1963 (2,846)
(Loan)

Sci - Electron
Nov 63

242, 352

Shramkov, E. G., Novitskii, P. V., Fedisov, M. M.,
and Zorin, D. L.

THE STRUCTURE AND CERTAIN BASIC CHARACTERISTICS OF MODERN ELECTRICAL MEASURING DEVICES. [1963] 6 refs C. E. Trans. 2816.
Order from OTS, SLA, or ETC \$1.10 TT-63-24086

Trans. of Elektrichestvo (USSR) 1962, no. 8, p. 20-25.
(Abstract available)

DESCRIPTORS: *Meters, *Measuring devices (Electrical and Electronic), Measurement, Input-output devices, Errors.

The measurement converter is the basic element of measuring instruments and apparatus. The converter is used to convert one form of data on the measured quantity (input value) to another form (output value), in order to obtain the required functional relationship (Engineering--Electrical, TT, v. 11, no. 4) (over)

TT-63-24086

I. Shramkov, E. G.

II. Novitskii, P. V.

III. Fedisov, M. M.

IV. Zorin, D. L.

V. CE Trans-2816

VI. Central Electricity
Generating Board
(Ct. Brit.)

Office of Technical Services

Electric Drives with Elastic Mechanical Links,
by A. A. Sirokin, 10 pp.

RUSSIAN, per, Elektrichestvo, No 8, 1962, pp
no 34-40

CIA/FDD XX-1321
NO FOREIGN DISSEM

See - Electricity
See 63

221,483

USIS INTERNAL USE ONLY

Selecting the Value of the Current Density Under
the Brushes in Low- and Medium- Capacity D.C.
Machines, by V. P. Tolkmov.

RUSSIAN, per, Elektrichestvo, No 8, 1962,
pp 65-68.

MLL Ref. 9622.03 1963 (3,247)
(Loun)

MLL/RTS 2344

Sci - Electron
Nov 63

CESTI TT 63-23937

242,257

Calculating the Commutation of D. C. Machines
by A. S. Kurbasov,

RUSSIAN, per, Elektrichestvo, No 8, 1962,
pp 69-72.

NLI Ref. 9022.03 1963 (3,246)
(Lom)

Sci - Electron
Nov 63

CFSTI - IT 63-23936
242,306

THIRTY YEARS OF ELECTRIFICATION OF THE RAILROAD
TRANSPORT AT THE SURAMSKIY PASS, BY B. Z.
VAYNSHTEYN, 11 PP.

RUSSIAN, PER, ELEKTRICHESTVO, NO 8, 1962,
PP 83-87.

JPRS 16265

SCI - ELECTRONICS

NOV 62

219,774

Accounting for and Compensating the Effect
of Eddy Currents in Systems Controlling the
Field Flux in Electrical Machines, by
O. V. Sleshanovskiy.

RUSSIAN, per, Elektrichestvo, No 9, 1962,
pp 23-27.

NLL Ref. 8022.03 1963 (3,259)
(loom)

Sci - Electron
Nov 63

242,255

The Cooling of Enclosed D.C. Machines, by
O. P. Siderov.

RUSSIAN, per, Elektrichestvo, No 9, 1962,
pp 60-62.

NLL Ref. 9822.03 1963 (3,260)
(Loan)

Sci - Electron
Nov 63

CFSTI 63-23934

242,254

Measurement of Power and Energy of the Electric
Arc, by L. B. Bolotin.
RUSSIAN, per, Elektrichestvo, No 9, 1962, pp 75-82.
GB/125/1B 2108

Sci - Elec
Jul 64

262,6364

Accounting for and Compensating the Effect
of Eddy Currents in Systems Controlling the Field
Flux in Electrical Machines, by O. V. Slezhanovskii.
RUSSIAN, per, Elektrichestvo, No 9, 1962,
pp 232.

CFSTI TT 63-23935

Apr 67

323,095

Automatic Control and Stability During Parallel
Operation of Power Station Generators Supplying
AC and DC Transmission Lines, by M. P. Kostenko,
et al.
RUSSIAN, per, Elektricheskoye, No 10, 1962, pp 1-8.
NZDIA

Sci - Engr
Apr 64

254,605

The Relative Characteristics and Comparative
Properties of a Reactive Synchronous Machine,
by V. M. Kutsevalov.

RUSSIAN, per, Elektrichestvo, No 10, 1962, pp 52-55.

NLL Ref: 9022.03 1963 (3359)
(loan copy)

Sci
Sep 64

The Problem of Electron Jet Engines and the
Direct Conversion of Heat Energy Into Elec-
tric, by A. Ye. Kaplyanskiy, 21 pp.

RUSSIAN, par, Elektrichestvo, No 11, 1962,
pp 7-13. 9682975

FTD-TT-63-298

Sci-Electronics
May 63

932,185

Problem of Transmission of Electrical
Energy Over Long Distances, by I. A.
Syromyatnikov.

RUSSIAN, per, Elektrichestvo, 1962,
No XI, pp 13-20.

NLL 9022.03 1964 (3390) (On Loan)

USSR
Sci"Elec
July 65

284,616

Using a Damper Winding in DC Motors
Having a Printed Armature Winding,
parts done by, R. R. Raid and A. P.
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